

ABSTRACT

A cover assembly includes an elongated resilient cover for bridging a gap between horizontal structural members. The upper face surface of the resilient
5 cover has spaced apart ribs extending transverse to the flow of traffic and an opposite surface formed with load bearing edge portions engaged for support with opposite lateral margins to the expansion joint. Between the load bearing edge portions the cover supports at least one rigid metal plate. In one embodiment, a central plate bridges the gap between two structural members and the at least two
10 additional plates serve to urge the opposite lateral edges of the cover into supporting engagement with structural members. The cover has a thickness and sufficient elasticity to elastically deform for establishing supporting contact between the marginal support areas and underlying horizontal structural members. Fasteners are engaged with the cover at spaced apart sites along at least one lateral side portion
15 thereof for elastically anchoring the elongated resilient cover to at least one of the horizontal structural members.